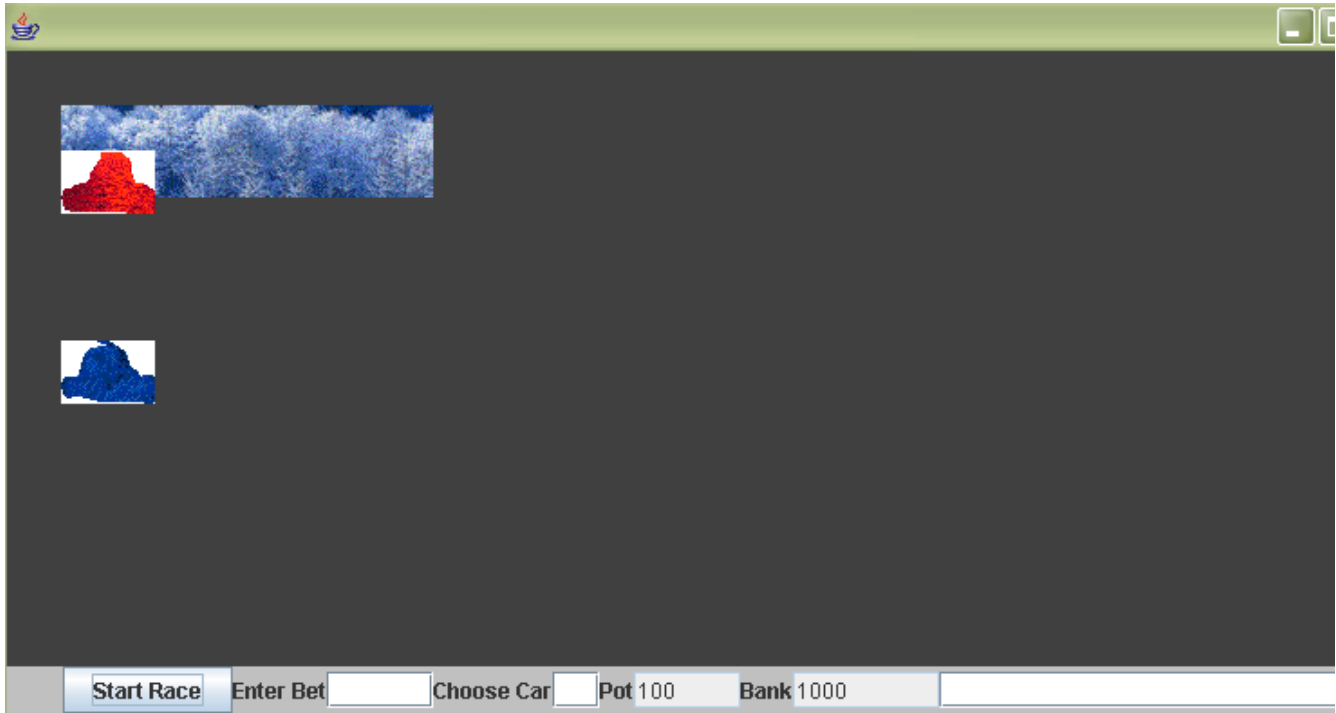


Race track Java program



```
import javax.swing.*;
import java.awt.geom.*;
import java.awt.*;

public class RaceTrack extends JFrame
{
    private RaceTrackPanel animation;
    private JLabel betLabel, potLabel, bankLabel, carLabel;
    private JTextField betField, carField, potField, bankField, winnerField;
    private JButton goButton;
    private JPanel p;

    public RaceTrack( )
    {
        Image Track = new ImageIcon("Track.gif").getImage();
        Image Car1 = new ImageIcon("Redcar.gif").getImage();
        Image Car2 = new ImageIcon("Bluecar.gif").getImage();
        animation = new RaceTrackPanel(this, Track, Car1, Car2);
        Container c = getContentPane();

        c.setLayout(new BorderLayout( ));
        p = new JPanel( );
        p.setBackground(Color.lightGray);
        GridBagLayout grid = new GridBagLayout();
        p.setLayout(grid);
        betLabel = new JLabel("Enter Bet");
        carLabel = new JLabel("Choose Car");
        potLabel = new JLabel("Pot");
        bankLabel = new JLabel("Bank");
```

```

betField = new JTextField(5);
carField = new JTextField(2);
potField = new JTextField(5);
bankField = new JTextField(7);
winnerField = new JTextField(20);

potField.setEditable(false);
bankField.setEditable(false);

goButton = new JButton("Start Race");
GridBagConstraints gbc = new GridBagConstraints( );

gbc.fill = GridBagConstraints.BOTH;
gbc.insets = new Insets(5,5,5,5);
gblAdd(goButton,grid,gbc,0,0,4,1);

gbc.fill = GridBagConstraints.NONE;
gbc.anchor = GridBagConstraints.EAST;
gblAdd(betLabel,grid,gbc,0,1,1,1);

gbc.anchor = GridBagConstraints.WEST;
gblAdd(betField,grid,gbc,1,1,1,1);

gbc.anchor = GridBagConstraints.EAST;
gblAdd(carLabel,grid,gbc,2,1,1,1);

gbc.anchor = GridBagConstraints.WEST;
gblAdd(carField,grid,gbc,3,1,1,1);

gbc.anchor = GridBagConstraints.EAST;
gblAdd(potLabel,grid,gbc,0,2,1,1);

gbc.anchor = GridBagConstraints.WEST;
gblAdd(potField,grid,gbc,1,2,1,1);

gbc.anchor = GridBagConstraints.EAST;
gblAdd(bankLabel,grid,gbc,2,2,1,1);

gbc.anchor = GridBagConstraints.WEST;
gblAdd(bankField,grid,gbc,3,2,1,1);

gbc.anchor = GridBagConstraints.WEST;
gblAdd(winnerField,grid,gbc,0,3,4,1);

betField.setText("");
potField.setText("100");
bankField.setText("1000");

c.add("Center", animation);
c.add("South", p);
}

private void gblAdd(Component c, GridBagConstraints gbc, int x, int y, int w, int h)
{
gbc.gridx = x;
gbc.gridy = y;

```

```

gbc.gridwidth = w;
gbc.gridheight = h;
p.add(c);
}

public static void main(String[] args)
{
JFrame f = new RaceTrack( );
f.setSize(700, 400);
f.show();
}
}

class RaceTrackPanel extends JPanel
{
RaceTrack holder;

Image Track, Car1, Car2;
int Xpos, Ypos;

public RaceTrackPanel(RaceTrack app, Image Track,
Image Car1, Image Car2)

{
this.Track = Track;
this.Car1 = Car1;
this.Car2 = Car2;

setSize(600,270);
setBackground(Color.darkGray);
holder = app;

Xpos = 30;
Ypos = 30;

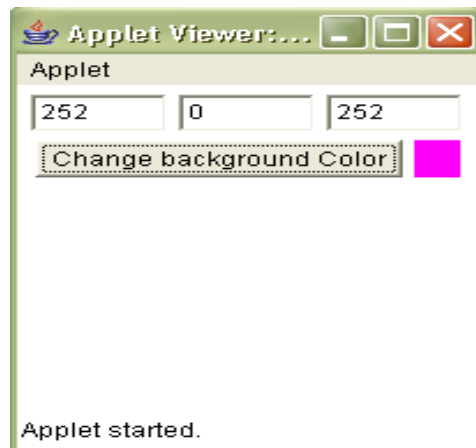
}

public void paintComponent(Graphics g)
{
super.paintComponent(g);
int w;
int h;
w = Track.getWidth(this);
h = Track.getHeight(this);
if ((w>0) && (h>0))
{
g.drawImage(Track, Xpos, Ypos, this);
}

w = Car1.getWidth(this);
h = Car2.getHeight(this);
if ((w>0) && (h>0))
{
g.drawImage(Car1, Xpos, Ypos +25, this);
g.drawImage(Car2, Ypos, Ypos +130, this);
}
}
}
} //end class

```

Label Back ground



```
import java.awt.*;
import java.applet.*;

public class LabelBackground extends Applet
{
    private Label lbl;
    private TextField tfred;
    private TextField tfgreen;
    private TextField tfblue;
    private Button b;
    private Button btn;

    public void init()
    {
        lbl=new Label(" ");
        tfred=new TextField(5);
        tfgreen=new TextField(5);
        tfblue=new TextField(5);
        btn=new Button("Change background Color");

        BgColorHandler h=new BgColorHandler(lbl,tfred,tfgreen,tfblue);

        btn.addActionListener(h); //This canbe used

        add(tfred);
        add(tfgreen);
        add(tfblue);
        add(btn);
        add(lbl);
    }
}
//<applet code="LabelBackground.class" Width=200 Height=200></applet>
```

BG Color



```
import java.applet.*;
import java.awt.*;
import java.awt.event.*;

public class BgColor extends Applet implements ActionListener
{
    private Button red;
    private Button green;

    public void init()
    {
        red=new Button("Red");
        green=new Button("Green");

        red.addActionListener(this);
        green.addActionListener(this);

        add(red);
        add(green);
    }

    public void actionPerformed(ActionEvent e)
    {
        Object o;
        o=e.getSource();
        if(o==red)
            setBackground(Color.red);
        else if(o==green)
            setBackground(Color.green);
    }
}
//<applet code="BgColor.class" width=200 Height=200></applet>
```

Varshad

//////////////////////////////////// Class A////////////////////////////////////

```
public class A
{
    public int x=50;
    public String name;
    public String add;

    public A()
    {
        name=" ";
        add=" ";
        System.out.println("A init(1)");
    }

    public A(String n, String a)
    {
        name=n;
        add=a;
        System.out.println("A init(2)");
    }
    public void display()
    {
        System.out.println("A");
    }
}
```

////////////////////////////////////Class B////////////////////////////////////

```
public class B extends A
{
    public int x=20;
    //shadows A's x

    public int marks;
    public B(String n, String a,int m)
    {
        /*super classes default constuctor*/
        //super(n,a);
        //name=n;
        //add=a;
    }
}
```

```

marks=m;
System.out.println("B init");
}

public void bb()

{
System.out.println(x);
System.out.println(super.x);

//accessing shadow variables
display();

//calling overridden method
super.display();
}

public void display()
{
System.out.println("B");
}

}

```

//////////////////////////////////Varhad////////////////////////////////////

```

public class varshad
{
public static void main(String[]ar)
{
B e=new B("a","b",45);
e.bb();
}
}

```

Java Race track And latest Java

www.alawathugoda.cjb.net
sathiskaudayanga@yahoo.com